

Material Safety Data Sheet

J. R. Simplot Company

M&C Group

Triple Superphosphate

THE GARDEN GROW CO.

PO BOX 100

INDEPENDENCE, OR 97351

CUSTOMER SERVICE 800 531 4466

M12030

4 January 1994

Trade Name: Triple Superphosphate
 Registration No: None

| Section 1 | Identification |
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| Manufacturer or Formulator: J.R. Simplot Company P.O. Box 912 Pocatello, ID 83204 Emergency Phone - Chemtrec: 1-800-424-9300 | Product Name: Triple Superphosphate Common Name: Treble Superphosphate, Triple, TSP, 0-45-0 Chemical Type: Salt, Calcium Phosphate, Monobasic |
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| Section 2 | Shipping Data |
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| Shipping name: Not regulated by D.O.T. Hazard Class: None Reportable Quantity(RQ): None Labels Required: None Placard: None | C.A.S. Number: 7758-23-8 D.O.T. Number: None Haz Waste No: None EPA Regist No: None |
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| Section 3 | Ingredients |
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| Chemical Name and Synonyms | C.A.S. No. | Chemical Formula | WTX Hazardous | TLV | PEL |
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| None | | | | | |
| Monocalcium Phosphate | 7758-23-8 | $\text{CaH}_2(\text{PO}_4)_2$ | Non-Hazardous 100 | 10mg/M ³ Nuisance Dust | Not available |

| Section 4 | Physical Properties |
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| Boiling Point: Not-Applicable Density: 68 lbs./cu. ft. Melting Point: Non-flammable Solubility: 1 g to 10 g H ₂ O: 2.3 - 3 Appearance: Off-white granules. Reaction with Water: None Extinguishing Media: Non-flammable. Use media suitable to extinguish source of fire. | Solubility in Water: Soluble % Volatiles (by volume): Not-Applicable Vapor Pressure, mm Hg: Not-Applicable |
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| Section 5 | Hazardous Health Data |
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Ingestion: No data available (pure M.C.P. used as food additive).
 Inhalation: Nuisance dust.
 Eye Contact: May cause slight discomfort as with nuisance dust.
 Skin Absorption: Non-hazardous.
 Skin Contact: Slight abrasion possible with prolonged contact.
 Effects of Overdose: No data available.
 Emergency and First Aid Procedures:
 Ingestion: If large amount ingested, call a physician.
 Inhalation: Remove to fresh air.
 Eyes: Flush eyes with fresh running water to remove dust.
 Skin: Wash skin with soap and water.

| Section 6 | Personal Protection Data |
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Ventilation Protection: Adequate ventilation to keep dust below TLV.
 Respiratory Protection: Dust mask if necessary in a dusty environment.
 Protective Clothing: Normal clean work clothing.
 Eye Protection: Safety glasses. Goggles if needed in a dusty environment.
 Other: Eyewash fountain.

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| Section 7 | Fire and Explosion Hazard Data |
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| Flash Point (Test Method): | Non-flammable | Flammable Limits | LOWER | UPPER |
| Autoignition Temperature: | Not-Applicable | (% BY VOLUME) | N/A | N/A |
| Hazard Rating (M.F.P.A.): | Non-fire: Health: 0 Fire: 0 Reactivity: 0 | Specific: Not-Applicable | | |
| | Fire: Health: 2 Fire: 0 Reactivity: 0 | Specific: Not-Applicable | | |
| Extinguishing Media: | Non-flammable. Use media suitable to extinguish source of fire. | | | |
| Special Fire Fighting Procedures: | None | | | |
| Unusual Fire and Explosion Hazards: | None | | | |

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| Section 8 | Reactivity Data |
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| Stability (Normal Conditions): | Stable |
| Conditions to Avoid: | Not-Applicable |
| Incompatibility (Material to Avoid): | None listed |
| Hazardous Decomposition Products: | None known; possibly phosphorous oxides. |
| Hazardous Polymerization: | Will not occur. |
| Conditions to Avoid: | Not-Applicable |

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| Section 9 | Environmental Protection Data |
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Environmental Precautions: Keep out of sewers and all bodies of water.

Steps to be taken in case material is released or spilled:

Sweep up spilled material and place in suitable containers for recycle, use or disposal. Contain to prevent entry into sewer or watercourses.

Waste disposal Procedures: Use, recycle or comply with local disposal regulations. As the product is a fertilizer, use as a fertilizer following good agronomic practices or consult local authorities.

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| Section 10 | Handling and Storage Precautions |
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Precautions to be taken in handling and storing:

Store in dry area. Corrosive to copper, brass and their alloys.

Proper Shipping Name: Not regulated by D.O.T.

Labels Required (If not exempt): None

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| Section 11 | SARA Information |
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Not on the 302 list of reportable quantities.

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| Section 12 | Additional Information |
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Carcinogenicity:

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| by IARC?: Yes () No (X) | by NTP?: Yes () No (X) | by CAL/OSHA?: Yes () No (X) |
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California Prop 65:

Yes () No (X)

MSDS Version Number: 1

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